



STid

Tag Service

Custom smart readers, cards & tags

CUSTOMIZATION OF READERS TECHNICAL SPECIFICATION



CUSTOMIZATION OF RFID, NFC AND BLUETOOTH® READERS

The following technical specifications are applicable when requesting customization request for STid readers using tampography and digital UV printing.

To be able fully meet your requirements and offer optimal customization quality, we make the following recommendations:

- use professional graphics editing software such as Photoshop, Gimp or Illustrator (depending on the selected printing technology chosen),
- comply with the procedures and technical specifications set forth in this document.

Free your imagination !

We will listen to your ideas and special requests and provide your with practical and comprehensive advise.

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CUSTOMIZATION OF RFID, NFC AND BLUETOOTH® READERS

I. Choosing printing technology and reader model

a. Printing technology

With volumes of up to 250 units, the default technology will be digital UV printing unless you specifically request otherwise. CMYK inks are applied on the casing and fixed using a UV technology.

Beyond 250 units, the default technology used will be tampography (pad printing), if the technical characteristics of your logo permit. The graphics are transferred onto the reader casing via an etched plate called a "picture".

b. The reader

Please specify the part number of the reader model when ordering customization.



ARC1
ARCS1 Blue



ARC-A
ARCS-A Blue
ARC-L



ARC-B
ARCS-B Blue
ARC-M



ARC-D
ARCS-D Blue
ARC-O



ARC-E
ARCS-E Blue
ARC-P



ARC-AQ
ARCS-AQ Blue



ARC-BQ
ARCS-BQ Blue



ARC-I, ARCS-I Blue,
ARC-IM, ARCS-IM Blue



ARC-J, ARCS-J Blue,
ARC-JM, ARCS-JM Blue



ARC-G
ARCS-G Blue
ARC-L-DESK



ARC-G UHF



WAL2



SPECTRE

CUSTOMIZATION OF RFID, NFC AND BLUETOOTH® READERS



II. Tampography or digital UV printing - Customization order

The durability of the print is the result of several factors such as the material, the ink, the external conditions in close relation to the chosen printing technology. Usually pad printing is considered to result in higher quality and more durable prints. However, this difference in print quality between tampography and digital UV printing is only indicative and does not take into account various external parameters that can affect the quality and durability of the print.

a. Supply of logo

When the order is placed, please provide your logo to the STid TAG SERVICE Customization Department. We strongly advise to send us vector formatted graphics. Please also specify the Pantone color(s) used, the desired size of the print and the exact location on the casing.

STid TAG SERVICE will then produce a mock-up (screen proof), which will be sent to you for approval.

Please do not hesitate to contact TAG SERVICE directly in case you have questions or require further information.

b. Technical requirements

- We strongly advise to only send us vector graphics, rather than bitmaps.
- Any text in your logo must also be vectorized.

c. Supported file types

The image must be in a vector (not bitmap) format, and must manage the transparency of the background:

- Formats: .ai, .eps, .svg and .pdf (Vector files)

d. Vector vs. BITMAP format

A vector graphic consists of shapes, curves, lines, and text rather than a grid of pixels. These objects together make a picture. Vector graphics can be resized without quality loss.

e. Color mode (CMYK)

CMYK (Cyan, Magenta, Yellow, Black) is the colorimetric mode for printing. It allows to reproduce a wide range of colors by mixing the 3 primary colors: cyan, magenta and yellow. Black is added at the end of the printing process.

RGB files are accepted, but RGB colors will be automatically converted to CMYK. This can cause slight variations in shade.

CUSTOMIZATION OF RFID, NFC AND BLUETOOTH® READERS

Architect readers®
(ARC-A, ARCS-A Blue et ARC-L):
Template size: 77 x 26 mm



Architect Readers® with Keypad:
(ARC-B, ARCS-B Blue, ARC-M et ARC-P):
Template size: 77 x 19 mm



Biometric Architect Readers® (ARC-D, ARCS-D Blue, ARC-O, ARC-E, ARCS-E Blue et ARC-P):
The templates are the same as for the Architect Readers® and Keypads



QR Code Architect Reader® (ARC-AQ, ARCS-AQ Blue, ARC-BQ et ARCS-BQ Blue):
The templates are the same as for the Architect Readers® and Keypads



CUSTOMIZATION OF RFID, NFC AND BLUETOOTH® READERS



Hybrids Architect Reader® (ARC-I, ARCS-I Blue, ARC-IM, ARCS-IM Blue, ARC-J, ARCS-J Blue, ARC-JM, ARCS-JM Blue):

The templates are the same as
for the Architect Readers® and Keypads



Architect® One readers (ARC1, ARCIS-Blue):

Template size: 38 x 20 mm



Architect® desktop readers/encoders ARC-G, ARCS-G Blue, ARC-H, ARCS-H Blue, ARC-L-DESK et ARC-G UHF:

Template size: 77 x 26 mm



Wal2 reader (with STid decorative plate):

Template size: 85 x 19.84mm



CUSTOMIZATION OF RFID, NFC AND BLUETOOTH® READERS



SPECTRE UHF Long range reader:
Template size: Contact us



CUSTOMIZATION OF RFID, NFC AND BLUETOOTH® READERS



III. File approval

Upon arrival of your order, STid Tag Service will carefully check your instructions and your files to optimize the final printing result

- We will check whether the order description matches the type of reader that was specified.
- We will check your graphics with your order specification : file parameters, size, color format, resolution, compliance with the non-printable area, logo appearance etc.

Each logo sent will be validated by STid TAG SERVICE customization department. If the logo is too complicated or contains too much detail (color gradient, excessive detail, unreadable text etc.) it may be necessary to simplify it for the best possible print rendering.

IV. Proofs

a. Screen proof

Once your logo have been validated by STid TAG SERVICE we will send you a screen proof showing the reader with your logo positioned according to your specifications.

b. Press proof

You are strongly advised to request a press proof so that the final printing result can be properly validated. If you approve the screen proof without a press proof, STid cannot be held liable for any differences that may exist between the final result in production and the screen proof (see the section Limitations and reservations below for more details).

Price of Architect Reader® casing press proof: 100 euros/unit.

Price of SPECTRE casing press proof: contact us.

You can request a press proof using the the screen proof form sent by STid TAG SERVICE

V. Proof approval and launch of production

Your order will be sent to production only after the signed proof form has been returned to TAG SERVICE (by fax, e-mail or mail).

CUSTOMIZATION OF RFID, NFC AND BLUETOOTH® READERS

VI. Limitations and reservations

- Customization orders with a volume of up to 250 units will be performed using digital UV printing by default. With volumes below 250 units, tampography (pad printing) is only available upon specific request and only if you explicitly accept the quotation that STid will send you. Likewise, digital UV printing is only possible for quantities above 250 units upon your explicit request.
- You undertake to supply STid with the elements necessary for customizing your readers. These elements must comply with the technical specifications detailed in this document.
- The screen proof is provided to you solely to enable you to approve the size and position of your logo.
- The colors as they appear on the screen, when viewing the screen proof, may be different from those that will be printed on your reader. The final printed results also depend on the reader materials and other variables. You can order a proof on the final product (referred to as «press proof») in order to evaluate the final printed result. A press proof can be requested using the screen proof form that TAG SERVICE will send you for validation.
- If the proof form is sent to you by fax, e-mail or mail, you are requested to return the signed form in the same way.
- With no obligation to provide specific advice to the client regarding graphic design, STid may inform the client of any modifications considered necessary to the client files in order to make them production-compatible. These modifications shall be implemented by the client at their own risk.
- Providing STid with an “Approved to Print” instruction means that you agree the content of the proof form document are compliant with your requirements and specifications. STid will in no case be held liable for anything that was not explicitly mentioned on the proof (color, size, position, quality of graphics, etc.). Signing as “Approved to Print” also exempts STid from any liability for errors or omissions observed after manufacture, or any defects in the original file you supplied. Production will commence once the screen proof, signed by you as “Approved to Print” without reservations, has been returned to STid. Following receipt of the screen proof “Approved to Print”, returned by fax, e-mail or mail, STid will accept no further instructions or requests.
- STid reserves the right to apply tolerance levels to the print position.
- You declare that you have all necessary rights concerning the use of logos and graphics supplied to STid for the production of your order. In no case can STid be liable for any infringement of third party intellectual property rights with respect to the graphical or textual elements supplied by the client.
- Any modifications to the logo or visual identity guidelines shall be performed by you.
- If any files need to be modified, you must send STid an e-mail specifying the order number affected by the correction and send the corrected ready-to-use file.
- The printing technologies used in tampography and digital UV printing are designed for customization of STid readers for indoor and outdoor use. However, many factors can affect the quality and durability of the print on the reader (weather conditions, exposure to UV light, usage conditions, maintenance, etc.), STid cannot guarantee the durability of the print rendering throughout product service life. Consequently, STid cannot guarantee the durability of tampography or digital UV printing on the readers and will not accept any liability related to durability of the print
- The client acknowledges that a tolerance margin of approximately one millimetre applies to the logo position, and this is considered to be acceptable by the parties.
- For any further information, please consult our [General Terms of Sale](#).



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